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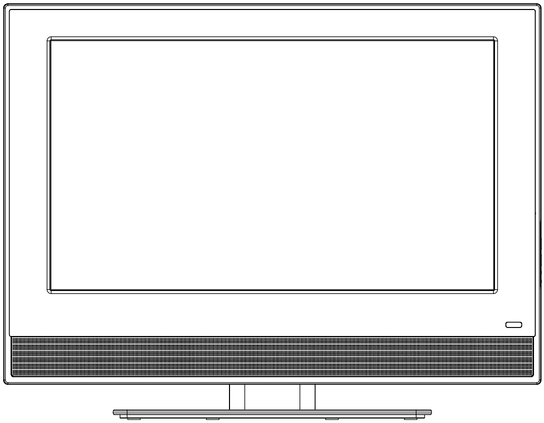
中文

English

飛利浦多媒體液晶顯示器
使用手冊



型號：32PFL5422
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PHILIPS

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<Memo>

中文

English

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前言

中文

感謝您選購了飛利浦多媒體液晶顯示器。

為能正確的操作使用，請仔細閱讀這本使用說明書

- 請妥善保管使用說明書及保證書，萬一在使用中產生疑問或發生問題時，它也許能給您提供一些幫助。
- 生產機號在品質管理上是很重要的，請確認顯示器上的生產機號與保證書上的生產機號是否一致。

為了安全起見，請特別注意下列之各事項

緊急處理方法：

- 若有異常發生時，請拔掉電源插頭並與服務中心連絡。
- 若是發生有影無聲，有聲無影，發出怪聲或怪味等的故障情形下，仍繼續使用顯示器是有危險性的，請立即拔掉電源插頭，連絡服務中心進行維修。
- 請切勿自行拆下顯示器的後蓋，因為內部有觸電的危險，內部的檢查及調整，請委託由專業服務人員處理。

當您使用顯示器時，為了您及府上的安全，請注意下列各事項：

- 請切勿將電源插頭插於多重插座上。
- 請勿將後蓋的通風孔蓋住或置放障礙物，請將顯示器置放於通風良好之處。
- 清潔時，請不要忘了拔下電源插頭。
- 使用電源電壓為 AC 100 - 240V，50/60 Hz。
- 本顯示器雖然經過嚴密和特殊環境的測試，您仍然有可能會發現在螢幕上有極少數失去活性的亮點或暗點會顯示固定的顏色或呈現黑色。請注意這並不會影響您所購買之產品的效能，因為通常這些亮點或暗點在正常的觀看距離下是很難看見的。
- 若會有一段長時間不使用顯示器 (例如您要出國度假的期間) 時，請務必關掉顯示器的電源，並將電源線從電源插座上拔掉。

注意事項

顯示器在使用中遇到較強的外來干擾時 (過多的靜電或打雷使電源電壓異常等等)，可能會發生不能接受操作指令的情況。在這種情況下，請拔掉電源插頭，經過 30 秒之後，重新插上電源插頭，再進行操作。

安全使用說明

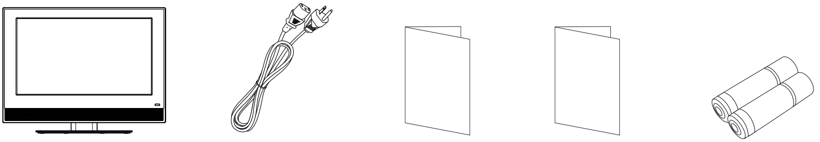
使用本機器前，請注意下列指示：

1. 請詳讀及妥善保存此說明書。
2. 請依照機器本身所標示之說明操作此機器。
3. 清潔機器時請將電源線拔掉，請用濕軟布擦拭，若不易擦拭乾淨則可用軟布沾酒精擦拭，勿用乾布，噴霧式清潔劑或有機溶劑擦拭面板，以免刮傷或傷害液晶表面處理造成刮痕或亮度不均勻現象。不可以使用任何方式對面板做出刮戳磨拍打撞擊等動作。
4. 勿讓任何物體掉落或插入機器，並勿讓任何液體濺入機身，請勿將本機器置於靠近水源處。
5. 請將機器放置於平穩的平面上，以避免掉落發生危險。
6. 機器外殼上的通風口，是提供本機散熱用，請勿將本機器平放於床、沙發、地毯上以免阻礙通風孔之散熱功能；另顯示器安裝於電視櫃或牆上時，下方及左右方應保持 10 公分通風空間，正上方保持 30 公分通風空間，勿將顯示器置於狹窄空間，避免裝置於任何阻礙空氣流動的狹窄裝潢設施內；請確保本機橫向擺放，避免順 / 逆時針旋轉 90 度之垂直擺放方式，以免散熱不良傷害電子零件。
7. 請使用機器上標示之電源電壓，若不清楚時，請向經銷商查詢以避免發生危險。
8. 為防止電擊危險，插頭要完全置入插座，本機器的電源線插頭為 3 蕊，此為安全裝置，若您的插座無法使用，請找技術人員更換插座，切勿自行將電源線插頭之第三蕊移除，以確保安全。
9. 電源線請勿靠近發熱器具，電源線上請勿上放置任何物品，亦避免踐踏或損傷。
10. 若有其他電源線與本機器使用時，請確保電流在可使用範圍內，並注意電源插座上之總電流不要超過 12A，勿超過負載以免引起火災。
11. 若在打雷，閃電天候下，請拔下插頭及卸下外接視訊盒 (選購) 之天線端子，以免雷擊。
12. 本設備依符合 FCC 電磁波 B 級標準設計，以防止電磁干擾，若有不明干擾產生，請洽專業技術人員協助。
13. 請勿長時間靜止於同一畫面，以保護螢幕及延長螢幕壽命，同一畫面保括文字、標誌、圖形等。
14. 請勿使用非本公司所生產之附件，如壁掛架等，以避免意外發生。
15. 需戴手套才可接觸破損的液晶面板，以免割傷手或接獨到液晶，若被液晶接觸皮膚請立即用肥皂清洗，若液晶碰觸眼睛或嘴巴請立即用水沖洗並送醫治療；顯示器內含錫鉛液晶及汞，若顯示器需廢棄處理時，請依當地法律及規定處理廢棄物。
16. 機器若發生故障時，請找合格之技術人員維修或聯絡 “客服專線” 0800-231099，切勿自行打開外殼修理，以免發生危險。
17. 發生下列情形時請即刻拔掉電源線，並聯絡合格之技術人員。

- 電源線或電源插頭損壞。
- 物品掉落機器內或有液體傾倒入機器內；機器置於水中或雨中。
- 機器各功能無法依說明書操作或機器的功能有明顯改變時。
- 機器曾掉落或外觀受損。

檢查包裝內容

在打開包裝後，請檢查下列所有物品和配件是否齊全：



多媒體液晶顯示器 (x1)　電源線 (x1)　使用手冊 (x1)　保固卡 (x1)　AAA 四號電池 (x2)

本產品所提供的電源線類型可能會隨您購買地點不同而與上圖所示有所差異。

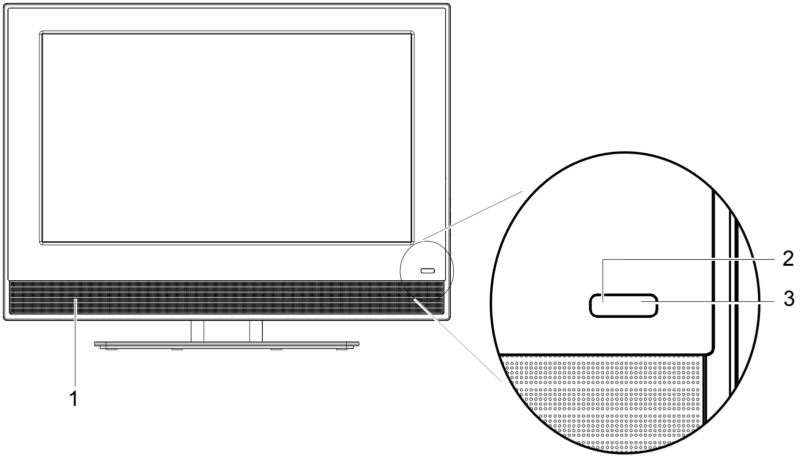
如果有任何物品和配件遺漏或損壞，請馬上與您購買產品的經銷商連絡，並告訴他們詳細情況。本使用手冊請妥善保存，以方便隨時參考。

如何正確處理產品包裝材料：

- **產品的硬紙板包裝箱 (或包裝盒) 都是可以回收的。**
- **請勿將所有塑膠袋放置在兒童容易拿取的地方。**
- **若可能，請妥善收好所有的包裝材料，以方便將來運送本顯示器時使用。**

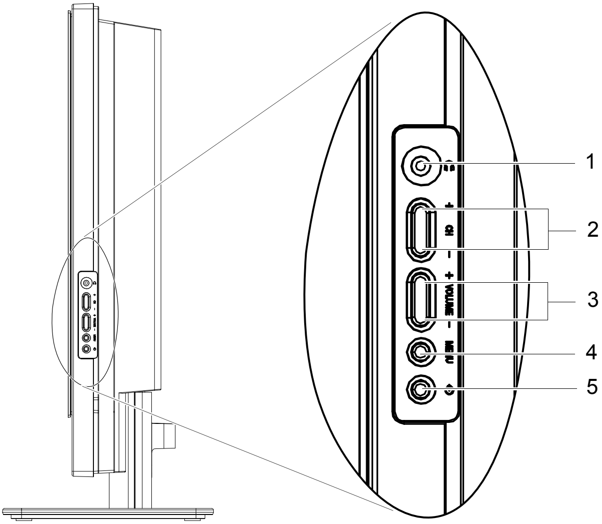
認識您的液晶顯示器

前視圖



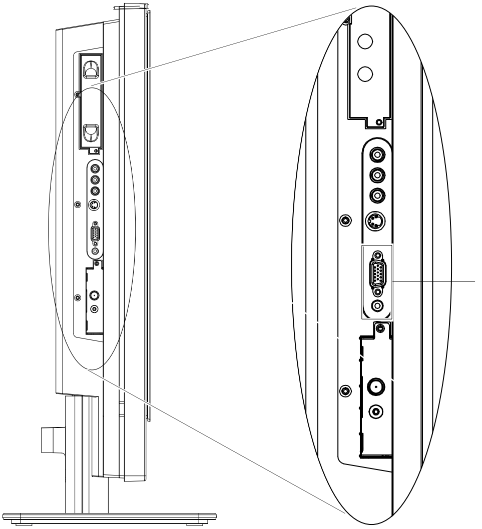
編號	名稱	說明
1	揚聲器	提供高音質且逼真的音效輸出。
2	電源指示燈	• 當顯示器電源開啟時，此指示燈亮綠色。 • 當顯示器電源處於待機狀態時，此指示燈亮紅色。 • 當顯示器連接到電腦，且電腦進入休眠狀態時，此指示燈閃紅色。 請參閱第 8 頁的「開機與待機」。
3	遙控訊號感應窗	接收從遙控器傳送過來的訊號。請勿將任何物體放置於此感應器前方，以避免阻礙訊號的接收。

控制面板 (右側)



編號	名稱	說明
1	耳機插孔	此插孔可讓您外接耳機以提供聲音輸出使用。當外接耳機一接上時，顯示器內建的揚聲器會立刻變成靜音狀態，所有聲音改由耳機輸出。請參閱第 6 頁的「連接耳機輸出」。
2	**CH** (選擇) +/- 按鈕	螢幕顯示選單中，按這些按鈕可進行上下選擇。請參閱第 9 頁的「瀏覽螢幕顯示選單」。
3	**VOLUME** (音量) +/- 按鈕	• 用以調整顯示器之內建揚聲器的音量大小。請參閱第 8 頁的「調整音量」。 • 在螢幕顯示選單中，按這些按鈕可進行左右選擇或變更設定。請參閱第 9 頁的「瀏覽螢幕顯示選單」。
4	**MENU** (選單) 按鈕	按下此按鈕可顯示螢幕顯示選單，再按一次此按鈕可將之關閉。請參閱第 9 頁的「瀏覽螢幕顯示選單」。
5	⏻ (電源 / 待機) 按鈕	按此按鈕可開啟顯示器的電源，或讓顯示器進入待機模式。請參閱第 8 頁的「開機與待機」。

外接裝置面板 (左側)



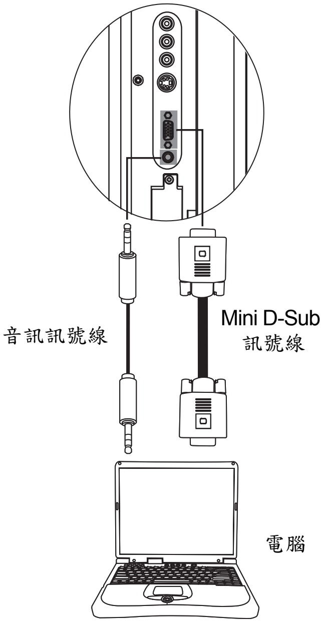
編號	名稱	說明
1	PC D-SUB (電腦視訊輸入)	用以連接至電腦的視訊 (D-Sub) 輸出端子。請參閱第 6 頁的「連接 PC 視訊輸入」。
	PC AUDIO (電腦音訊輸入)	用以連接至電腦的視訊輸出所對應的音訊輸出端子。請參閱第 6 頁的「連接 PC 視訊輸入」。

連接 PC 視訊輸入

1. 使用 Mini D-Sub 15 針訊號線 (需另購)，將電腦 (PC) 的 D-Sub 視訊輸出埠連接至顯示器的 PC D-SUB (電腦訊號輸入) 端子。
2. 使用適當的立體聲音訊訊號線 (3.5mm Mini-jack 規格，需另購)，將 PC 的音源輸出插孔連接至顯示器的 PC AUDIO (電腦音源) 輸入端子。

若您要觀賞 PC 視訊輸入的影像，請切換輸入訊號種類至 「電腦」。

☞ **若要得到最佳的顯示效果，請將電腦的視訊輸出解析度設為 1360 x 768 (若電腦的顯示卡支援的話)。請參閱第 16 頁的「支援的 PC 輸入訊號解析度」與第 16 頁的 「在 PC 上設定適當的輸出解析度」。**

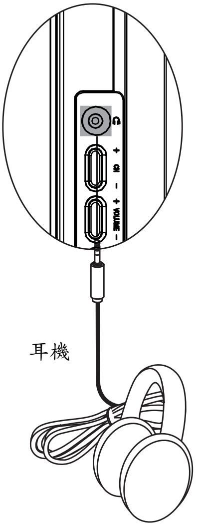


連接耳機輸出

本顯示器提供一個耳機輸出插孔，可供您外接耳機使用 。

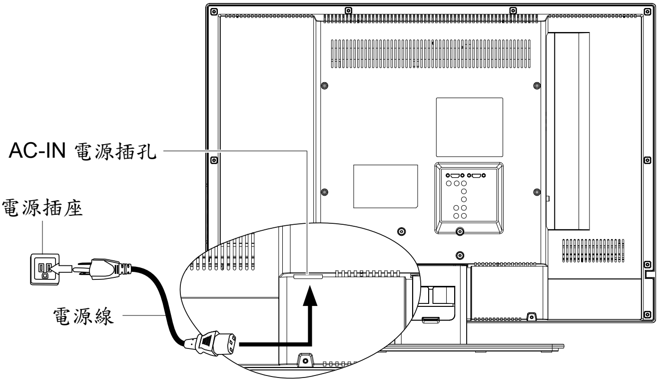
將耳機的輸入插頭 (3.5mm Mini-jack 規格) 插入顯示器上的耳機輸出插孔即可。

☞ **在連接耳機後，顯示器的揚聲器會馬上變成靜音狀態。**



連接電源線

1. 將電源線的一端連接到顯示器後方的 **AC-IN** 電源插孔。
2. 將電源線的另一端連接到電源插座上。顯示器將會進入待機狀態，且電源指示燈會亮紅色。



請務必使用符合您當地電源規範的電源線。勿使用外表已毀損的電源線。切勿自行變更電源線的插頭種類。當使用延長線或多頭插座時，請特別注意不要超過其負載。

警告：本顯示器是以最高的安全性為設計和製造原則，然而若不當使用，可能會有觸電或引發火災的危險。本顯示器內部沒有您可以自行維修的零件。請勿自行分解顯示器或嘗試進行維修，以免發生危險。

中文

基本操作

開機與待機

打開顯示器的電源

將電源線插入電源插座後，顯示器將會自動進入待機狀態，且電源指示燈將會亮紅色。按顯示器上的 ⏻ **(電源 / 待機)** 按鈕。顯示器將會開機，且電源指示燈會亮綠色。

讓顯示器進入待機狀態

在顯示器開機的狀態下，按顯示器上的 ⏻ **(電源 / 待機)** 按鈕，顯示器將進入待機模式，且電源指示燈將會亮紅色。

☞ **顯示器在待機狀態下仍會消耗少許電力 (約 1W)。**

調整聲音

調整音量

- 按顯示器上的 **VOLUME (音量) +** 按鈕可增加音量。螢幕上的音量指示長度將會增加，代表音量正在增加。
- 按顯示器上的 **VOLUME (音量) -** 按鈕可降低音量。螢幕上的音量指示長度將會減少，代表音量正在降低。

螢幕顯示選單

螢幕顯示選單架構

選單項目	輸入訊號來源
	電腦
影像	• 色溫 • 亮度 • 對比 • 自動調節 • 手動調節 • 畫面比例
聲音	• 智慧聲音 • 虛擬環繞
設定	• 語言 • 訊號來源 • 復原設定

☞ **• 可使用的選單選項會根據您所選擇的輸入訊號來源而定。無法使用的選單選項將會變成灰色或不顯示。**

• 請參閱：

第 10 頁的「影像選單」
第 11 頁的「聲音選單」
第 11 頁的「設定選單」

瀏覽螢幕顯示選單

您可以透過螢幕顯示選單調整各種不同的設定。按顯示器上的 **MENU (** 選單 **)** 按鈕可顯示螢幕顯示選單：

螢幕顯示選單中的操作

- 按顯示器上的 **CH (** 選擇 **) +**、**CH (** 選擇 **) -** 按鈕可以選取選單選項。
- 按顯示器上的 **VOLUME (** 音量 **) +** 或 **VOLUME (** 音量 **) -** 按鈕可以變更設定。
- 按顯示器上的 **MENU (** 選單 **)** 按鈕可退出螢幕顯示選單。

以調整畫面亮度為例：

1. 按顯示器上的 **MENU (** 選單 **)** 按鈕顯示螢幕顯示選單。
2. 按 **VOLUME (** 音量 **) +**、 **VOLUME (** 音量 **) -** 按鈕選擇影像。
3. 按 **CH (** 選擇 **) +**、**CH (** 選擇 **) -** 按鈕選擇亮度。
4. 按 **VOLUME (** 音量 **) +**、 **VOLUME (** 音量 **) -** 按鈕調整畫面的亮度至您滿意的程度。
5. 按 **MENU (** 選單 **)** 按鈕退出螢幕顯示選單。

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影像選單

☞ 選單中顯示的選項會因為輸入訊號的種類不同而異。

右圖所示的選單選項與設定僅供參考。

選項	功能
色溫	調整影像的整體色彩。暖色相當於較紅的影像，而冷色則相當於較藍的影像。
亮度	用以調整影像的亮度。請參閱下述的「調整亮度」。
對比	用以調整影像的對比度。請參閱下述的「調整對比」。
自動調節	讓顯示器自動調整電腦輸入訊號的頻率、相位、水平位置與垂直位置，以正常顯示畫面。
手動調節	手動調整電腦輸入訊號的相位、頻率、水平位置與垂直位置等設定，以正常顯示畫面。
畫面比例	選擇顯示器顯示畫面長寬比例。

調整對比

1. 先將對比度調到最高，再往下調整。
2. 在調整過程中，使亮部細節 (如大理石上的紋理) 由全白中慢慢浮現，直到細節不再出現之對比最高值，即為最佳對比。如再降低，亮部過暗，顏色飽和度及立體感則會消失。

調整亮度

1. 先將亮度調到最低，再往上調整。
2. 在調整過程中，使暗部細節 (如主播黑西裝上的紋理) 慢慢浮現，直到細節不再出現之亮度最低值，即為最佳亮度。如再提高，黑色會轉為偏灰白色，亮度即過亮。

聲音選單

☞ 選單中顯示的選項會因為輸入訊號的種類不同而異。

右圖所示的選單選項與設定僅供參考。

選項	功能
智慧聲音	您可以從顯示器預設的幾種智慧聲音模式中選擇一種，以讓聲音的播放效果更加生動逼真。您也可以選擇個人設定模式，並調整屬於您自行設定的智慧聲音模式。
虛擬環繞	開啟或關閉顯示器的環繞音效效果。

設定選單

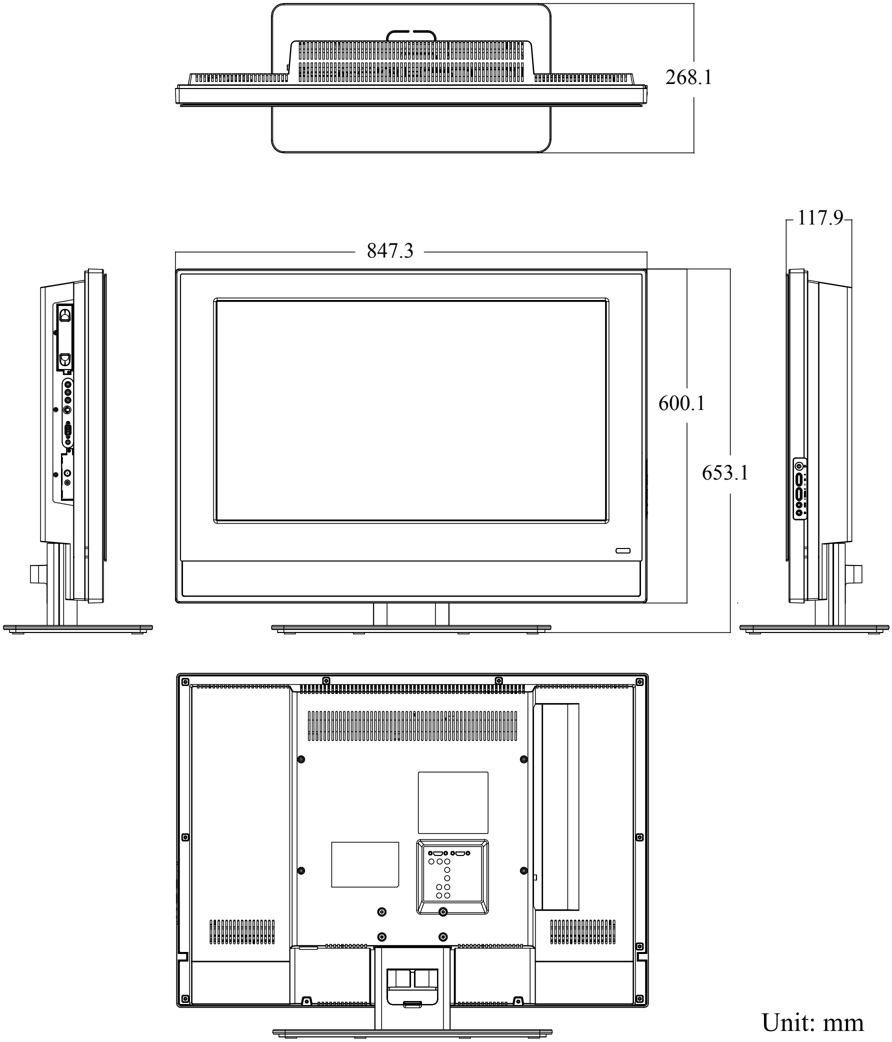
☞ 選單中顯示的選項會因為輸入訊號的種類不同而異。

右圖所示的選單選項與設定僅供參考。

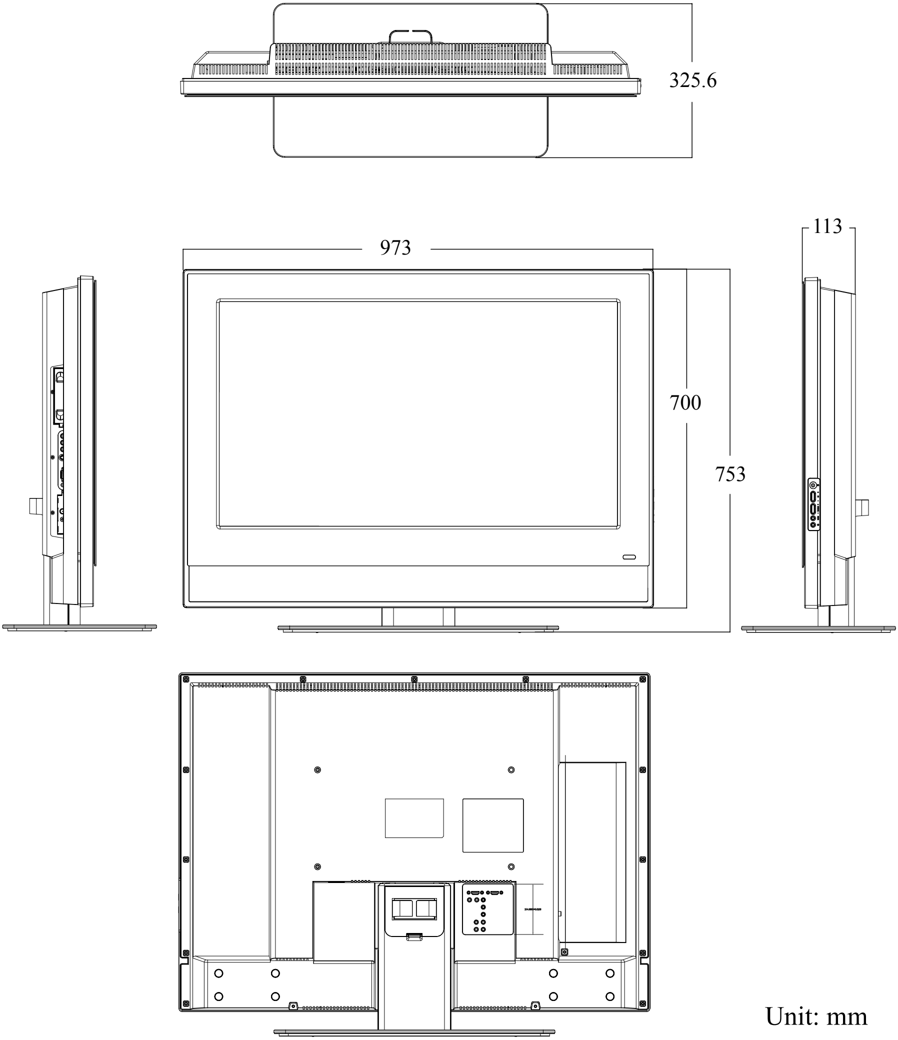
選項	功能
語言	選擇螢幕顯示選單所使用的語言。
訊號來源	選擇觀賞來自其它輸入訊號來源的畫面。
復原設定	重設所有設定並還原回出廠的預設值。

尺寸圖

32PFL5422

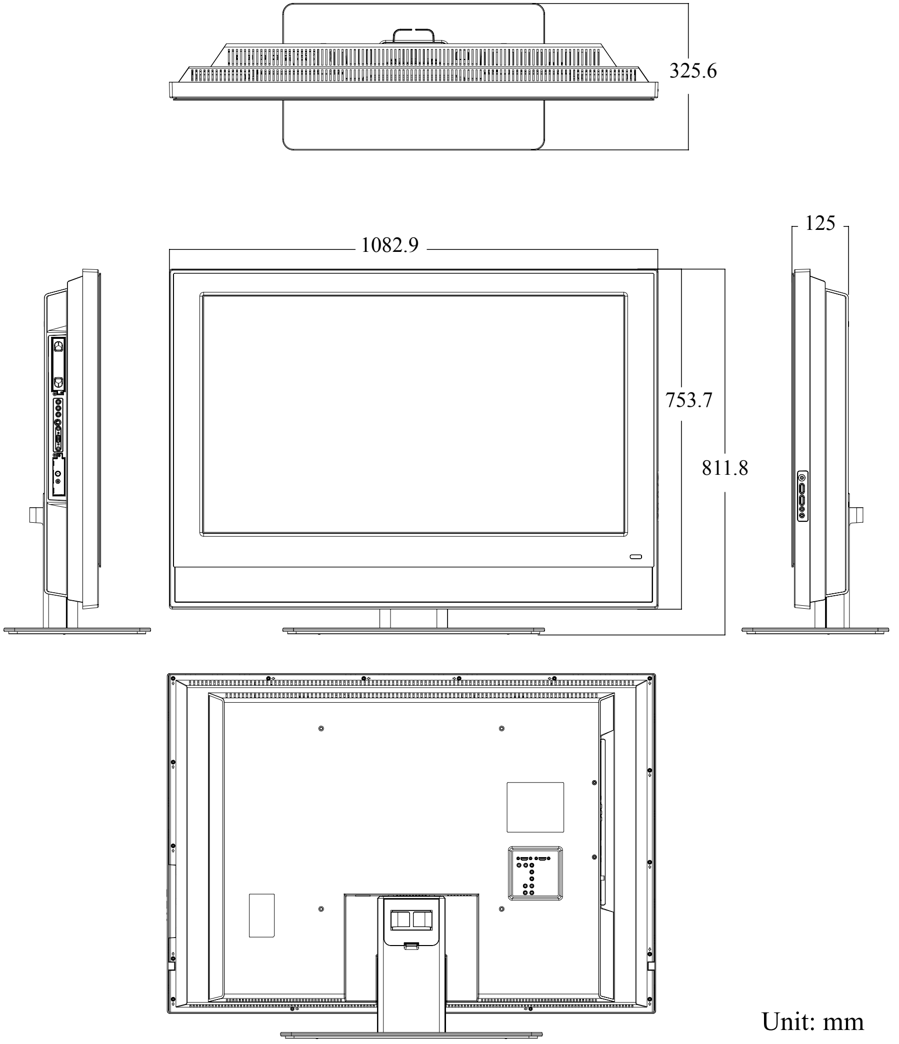


37PFL5422



Unit: mm

42PFL5422



規格

機型		32PFL5422	37PFL5422	42PFL5422
重量（淨重）		18.06 kg	25.87 kg	32.48 kg
尺寸（寬 x 高 x 深，含底座之概略值）		847.3 × 653.1 × 268.1 mm	973 × 753 × 325.6mm	1082.9 × 811.8 × 325.6 mm
尺寸（寬 x 高 x 深，不含底座之概略值）		847.3 × 600.1 × 117.9 mm	973 × 700 × 113 mm	1082.9 × 753.7 × 125 mm
畫面尺寸 (概略值)		32 英吋	37 英吋	42 英吋
畫面比例		16:9		
液晶面板解析度		1366 × 768		
液晶面板亮度 (典型值)		500 cd/m^2		
液晶面板對比度 (典型值)		1500:1		
可視角度 (左 / 右 / 上 / 下)		88°/88°/88°/88°		
反應時間 (Gray to Gray)		6.5 毫秒		
內建揚聲器		8W × 2	10W × 2	
訊號輸入	類比視訊	• 複合視訊 (AV) × 1 • S-Video 視訊 × 1 • 色差視訊 (Y C_B/P_B C_R/P_R) × 1 • S-Video/ 複合視訊音訊 × 1 • 色差視訊音訊 × 1		
	圖形 / 數位視訊	• HDMI × 2 • PC D-Sub × 1 • PC 音訊 × 1 • DVI 音訊 × 1		
訊號輸出		• 耳機輸出 × 1 • 立體聲音訊輸出 × 1		
電源供應		AC 100 - 240V，50/60 Hz		
消耗功率		160W	180W	200W
操作溫度		0°C~40°C (於海平面高度)		
儲存溫度		-20°C ~ 50°C (於海平面高度)		

上述規格如有變更，恕不另行通知。

支援的 PC 輸入訊號解析度

解析度	水平頻率 (KHz)	垂直頻率 (Hz)	頻寬 (MHz)	備註
640 × 480	31.5	60	25.18	DOS
640 × 480	35	67	30.24	Mac
640 × 480	37.5	75	31.5	VESA
640 × 480	37.86	72.81	31.5	
720 × 400	31.47	70.08	28.332	DOS
800 × 600	35.16	56.25	36	VESA
800 × 600	37.9	60.32	40	
800 × 600	46.9	75	49.5	
800 × 600	48.08	72.19	50	
1024 × 768	48.4	60	65	
1024 × 768	56.5	70	75	
1024 × 768	60	75	78.75	
1280 × 720	44.772	59.855	74	
1360 × 768	47.7	60	85.5	

- **本顯示器僅支援以上表格中所列出的 PC 輸入訊號解析度。**
- **若要得到最佳的電腦視訊顯示效果，請將電腦的視訊輸出解析度設為 1360 x 768 (若電腦的顯示卡支援的話)。**
- **若影像會跳動或字體會閃動，請使用「影像」選單中的「自動調節」功能來重新校正影像。請參閱****第 10 頁的「自動調節」****。**

在 PC 上設定適當的輸出解析度

若您需要將電腦 (PC) 視訊輸出連接到本顯示器上使用，請先依照下列說明 (以在 Windows XP 作業系統中的設定為例) 在 PC 上設定適當的輸出解析度：

1. 在 Windows 的桌面上按一下滑鼠右鍵，然後從出現的選單中選擇**內容**。
2. 在接著出現的視窗中，按一下**設定值**標籤。
3. 拖曳**螢幕解析度**滑棒，根據上表中的「支援的 PC 輸入訊號解析度」選擇相容的解析度 (若您電腦的顯示卡支援，請將之設為 1360 x 768 或最近似的解析度)。
4. 按**確定**按鈕儲存設定並關閉視窗。
5. 切換至您所要使用的 PC 輸入訊號。

故障排除

若您在使用顯示器時遇到問題，請在致電客戶服務中心之前，檢查以下列表內容，並嘗試以下步驟自行診斷和解決問題以節省您寶貴的時間。

故障現象	可能的原因
沒有畫面	• 確定電源線已正確地插在有接地措施的電源插座上。 • 確定您所選擇的輸入來源已連接到正常運作的設備上。 • 確定顯示器的電源已經打開。 • 如果您的顯示器以 VGA 模式連接到您的電腦的話，請按鍵盤上的任一鍵喚醒您的電腦。
沒有聲音	• 確定您的顯示器並未接上耳機。 • 檢查聲音選單中的選項設定。
畫面扭曲或聲音異常	可能受到了電器設備、汽車、機車或日光燈的干擾。請試著將您的顯示器移到其他位置看看是否有所改善。
顏色異常	• 確定輸入來源訊號線穩固且正確地接在您的液晶顯示器上。 • 使用螢幕顯示選單將色溫選項設定值恢復到預設值。
影像異常	• 確定輸入來源訊號線已穩固且正確地接妥。 • 確定輸入來源在您顯示器的範圍內。 • 比對輸入來源的規格和您的液晶顯示器的規格。
影像大小不正確	如果您使用的是 VGA 模式的話，請確定螢幕顯示選單中影像選項的水平位置和垂直位置的設定值正確無誤。
影像正常，但是沒有聲音	• 確定音量並未調低。 • 確定沒有啟動靜音功能。 • 確定您的聲音輸入來源訊號線已穩固且正確地接妥。
畫素的問題	您的顯示器是以極度的高精密技術製造而成。然而，您的液晶顯示器的某些畫素偶爾也可能符合產業規格但卻無法正確顯示，這是這類產品固有的缺點，且容易產生瑕疵品。
螢幕的雜訊	當您的顯示器的數位能力超過數位訊號時，訊號就會向上轉換 (增強) 以配合您的顯示器的顯示能力。向上轉換會產生雜訊或不必要的訊號。
螢幕模糊	顯示設備會因日久而產生亮度衰減情形。正常的亮度衰減是不在保固範圍內的。

技術支援

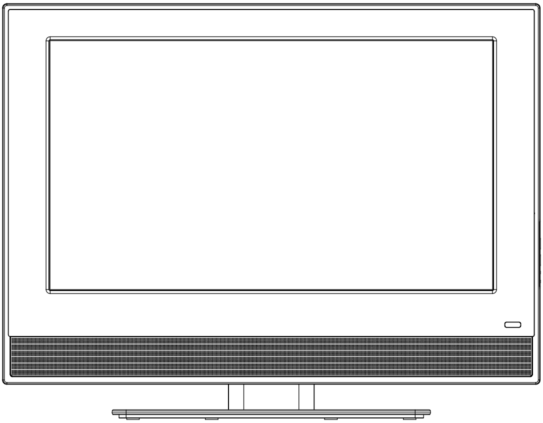
如果上述的疑難排解資訊無法解決您的問題，或是您的液晶顯示器發生其他問題的話，請連絡您當地的經銷商。

<Memo>

32PFL5422
37PFL5422
42PFL5422

English

Philips LCD Display
User Manual



Model: 32PFL5422
37PFL5422
42PFL5422

PHILIPS

<Memo>

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English

<Memo>

English

Preface

Thank you for purchasing this LCD Display.

Please read this User Manual carefully to ensure the safety while operating this display.

- Please keep this manual and the supplied warranty card in a safe place so that you can quickly obtain solutions in case you encounter problems when using the display.
- Please be sure to check the consistency of the serial numbers printed on the warranty card and the specifications label on the rear of the display.

For safety reasons, please pay special attention to the following reminders and precautions.

In occasions of emergency:

- Unplug the display immediately and contact the service center should you discern any abnormal phenomenon from the display.
- It is dangerous to keep using the display while problems occur (for example, when there is no sound, no image display or there is a strange odor.) Unplug the display and contact the service center immediately for help.
- Do not remove the rear cover of the display by yourself in order to avoid possible electric shock. Have certified and authorized professionals do the check and maintenance whenever the display needs service.

For your safety:

- Avoid connecting the display to a multiple outlet power board.
- Do not block the vents on the display or place any objects near the rear cover. Place the display where appropriate air circulation is available.
- Be sure to unplug the display from power source before cleaning.
- This display uses 100 - 240V, 50/60 Hz AC power.
- Under close examination and in certain circumstances, you may notice that a few non-active pixels appear on the screen as a fixed point of color. Please note that this does not affect the performance of the display as it is usually not visible at normal viewing distances.
- If the display is not going to be used for an extended period of time (like when you are going away for holidays), it should be unplugged from the power source.

Note

Under strong external interferences (like excess static electricity or thunder which may affect normal power supply), the display may not respond to your operations. In such cases, unplug for approximately 30 seconds and re-plug display power and try again.

Important safety information

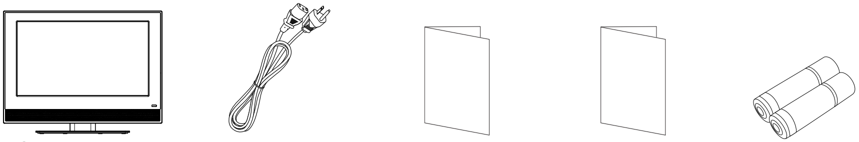
English

Before using the display, please pay attention to the following safety precautions:

1. Read this manual carefully and keep it in a safe place for future reference.
2. Operate the display according to the instructions.
3. Unplug the display from power source before cleaning. Do not use cream, liquid, aerosol or spray cleaners. Use only a slightly damp well wrung-out (drip-free) and lint-free, clean soft cloth and lightly wipe the display. Do not allow any pointed or hard objects to come into contact with the surface of the LCD screen.
4. Do not place the display near water, like a spa or pool, or in a position which will allow the splashing or spraying of water onto the display, like in front of an open window where rain water may enter.
5. Do not place the display on an uneven, sloping or unstable surface where it may fall and cause damage to itself or others.
6. Do not place the display in an enclosed place without allowing for ventilation. If wall mounting, allow 10 cm of space on all sides (30 cm on the top side) for proper air circulation. Avoid mounting the display other than the horizontal orientation to prevent possible damages.
7. Use only the correct type of power source. If you are not sure, please consult your dealer or the customer service center.
8. To prevent electric shock, fully insert the power plug. Do not modify the plug by yourself. Change the type of mains power socket if necessary.
9. Do not route the power cable near any heat sources or place any objects on it. Otherwise the cable can be damaged and result in danger.
10. Be aware of total loading should you need to use extension cords or multiple outlet power boards. Make sure that the total loading does not exceed 12A. Overloading may damage the power system or result in fire.
11. If necessary, remove the antenna cable from the AV box (optional) to prevent the possibility of damages caused by thunder strikes.
12. This display is designed to comply with FCC standards for Class B devices. Should any unknown interferences occur, please contact professionals for help.
13. Do not let the LCD screen display static images (text, logos or pictures) for a prolonged period of time to prevent possible image burn-in.
14. Do not use any non-certified accessories, such as a third-party wall mounting bracket. Otherwise the display may fall and result in damages.
15. Do not touch a broken LCD screen panel with bare hands or let the liquid crystal get into contact with any parts of your body. Wash it off with suitable detergents if contacted. Dispose of the display properly according to your local regulations.
16. Should any malfunctions occur, refer service or repair only to authorized personnels or call customer service center (Tel: 0800-231099) for help. Do not attempt to repair the display by yourself.
17. Contact authorized service personnel immediately for help in the following occasions:
    - When the power cable or power plug is damaged or become frayed
    - When objects fall into the interior of the display, or the display is spilled by liquids or rain water
    - When the display functions apparently abnormal than usual
    - When the display falls and becomes damaged

Package contents

Unpack the display and check that all the following items are included:



LCD display (x1) Power cord (x1) User Manual (x1) Warranty card (x1) AAA battery (x2)

The type of power cable supplied may differ from that illustrated, dependant upon your region of purchase.

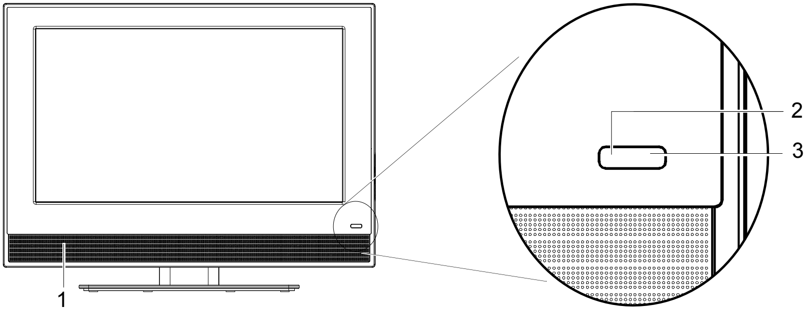
If any item is missing or damaged, contact your place of purchase immediately and notify them of the discrepancy. Please keep the product documentation in a safe place for later reference.

Dispose of packaging wisely:

- **The cardboard carton can be recycled.**
- **Do not leave plastic bags within reach of young children or babies.**
- **Store the packaging (if possible) for future transport of the display.**
- **Check that you haven't left an accessory inside the packaging, before discarding.**

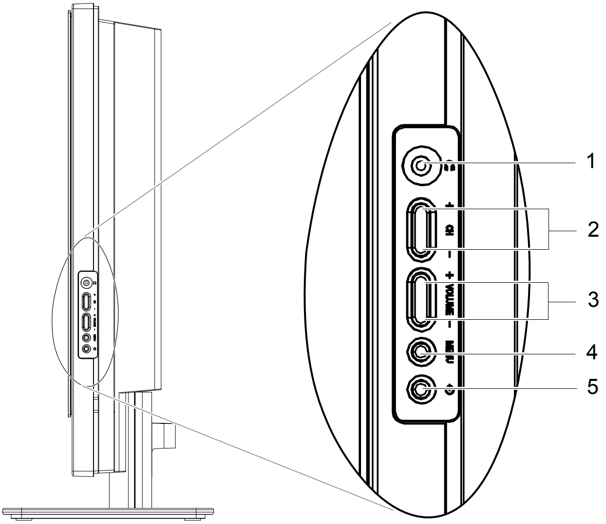
Getting to know your display

Front view



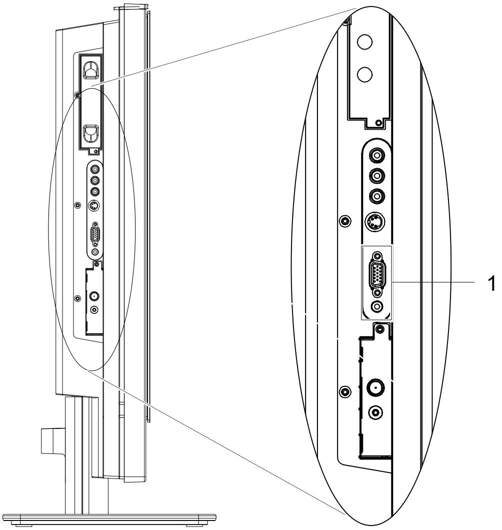
No.	Name	Description
1	Speakers	Left and right speakers for reproducing high-quality stereo audio.
2	Power indicator	• Lights up green when the display is powered on. • Lights up red when the display is in standby mode. • Blinks red when the display is connected to a PC, and the PC enters standby mode. See "Power on and standby" on page 8.
3	Remote control sensor window	Receives command signals from the remote control. Do not obstruct the sensor by placing any objects in front of it, which will hinder the reception of signals.

Control panel (right side view)



No.	Name	Description
1	Headset socket	This socket is an audio output for connecting an external headset. The display's speakers will be muted whenever the headset socket is being used. See "Connecting the headset audio output" on page 6.
2	**CH (Selection)** ▲/▼ button	In the OSD menu, moves the selection highlight up or down. See "Navigating the OSD menu" on page 9.
3	**VOLUME** ▲/▼ button	• Adjusts the volume level of the speakers. See "Adjusting speaker volume" on page 8. • In the OSD menu, moves the selection highlight left or right or changes settings. See "Navigating the OSD menu" on page 9.
4	**MENU** button	Displays the OSD menu if not visible, or exits the current menu if displayed. See "The On-Screen Display (OSD) menu" on page 8.
5	⏻ (Power/ standby) button	Toggles the display between standby mode and on. See "Power on and standby" on page 8.

External terminals panel (left side view)



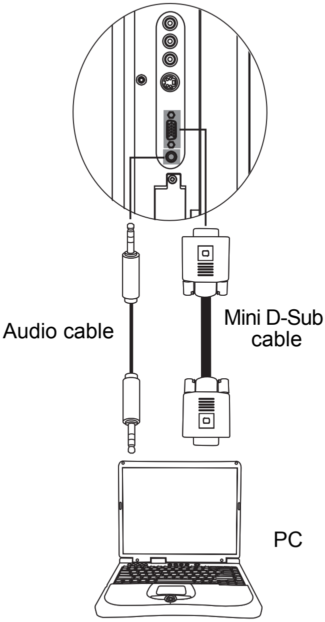
No.	Name	Description
1	PC D-SUB	Connect to the PC video (D-Sub) output of a PC. See "Connecting the PC input" on page 6.
	PC AUDIO	Connect to the audio output to match that of the D-Sub video output on a PC. See "Connecting the PC input" on page 6.

Connecting the PC input

1. Connect the VGA D-Sub output of your PC to the PC D-SUB terminal on the display using a Mini D-Sub (15-pin) cable (not provided).
2. Connect the audio output of your PC to the display's PC AUDIO terminal using an appropriate 3.5mm Mini-jack stereo audio cable (not provided).

To view video image from this input, please select **VGA** as the input source.

☞ **When you connect the display to a PC, you should adjust the resolution in the display properties of the computer to closely match the native resolution of the display (for example, 1360 x 768 pixels). See "Supported PC input signal resolutions" on page 16 and "Setting up appropriate output resolution on PC" on page 16.**

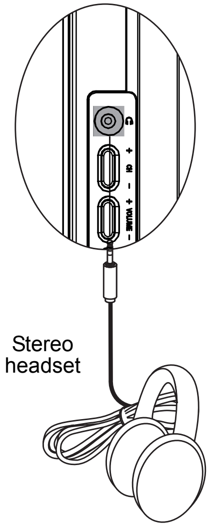


Connecting the headset audio output

This display provides a stereo headset output socket for delivering the audio signal to a stereo headset.

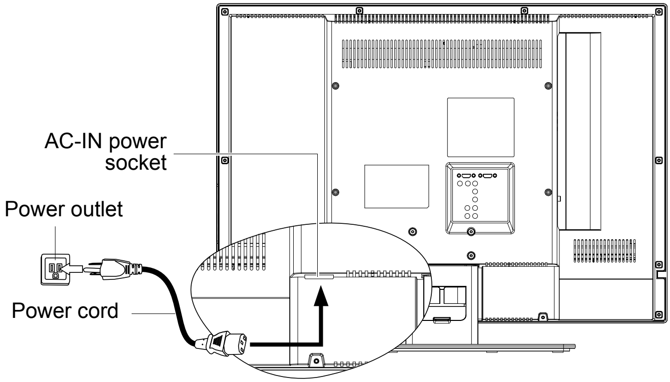
Connect the stereo headset plug (3.5mm Mini-jack type) to the stereo headset output socket on the display using a suitable audio cable.

☞ **Once connected, the display speakers will be muted automatically.**



Connecting power

1. Connect one end of the power cord to the **AC-IN** power socket on the display.
2. Connect the other end of the power cord to the power outlet. The display will enter standby mode and the power indicator will light up red.



Only use an appropriate power cable for your region. Never use a power cable which appears damaged or frayed. Never change the plug type on a power cable. Be aware of total loading when using extension cords or multiple outlet power boards.

WARNING: This display has been engineered and manufactured with the highest priority on safety, however, IMPROPER HANDLING OR USE CAN RESULT IN POTENTIAL ELECTRICAL SHOCK OR FIRE HAZARD. Please handle this display with care. If damaged, unplug the power cable from the display. Transport the display to your nearest authorised service centre for repair.

English

English

Basic operations

Power on and standby

Turning the display on

After plugging the display's power cable into a wall outlet and turning on the main power switch, the display will enter standby mode automatically. The power indicator will light up red. Press ⏻ **(Power/standby)** on the display. The display will turn on and the power indicator will change to green.

Putting the display to standby

Press ⏻ **(Power/standby)** on the display again, and the display will return to standby mode. The power indicator will turn red.

☞ **The display still consumes a very small amount of power (about 1W) in standby mode.**

Adjusting sound

Adjusting speaker volume

- Press **VOLUME** ▲ on the display to increase volume. The volume indicator increases in length as volume rises.
- Press **VOLUME** ▼ on the display to decrease volume. The volume indicator decreases in length as volume falls.

The On-Screen Display (OSD) menu

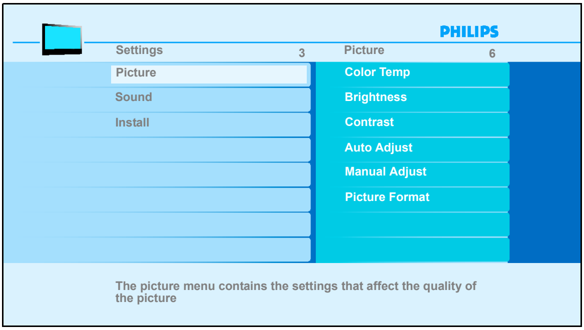
OSD menu structure

Menu	Input signal source
	VGA
Picture	• Color Temp • Brightness • Contrast • Auto Adjust • Manual Adjust • Picture Format
Sound	• Smart sound • Virtual surround
Install	• Language • Source List • Factory Reset

☞
- **The available menu items are dependent on the input source being selected. Unavailable items will be greyed out or not displayed.**
- **For details see "Picture menu" on page 10, "Sound menu" on page 11 and "Install menu" on page 11.**

Navigating the OSD menu

You can use the OSD menu to adjust the settings on your display. To display the OSD menu, press **MENU** on the display.



Operations in the OSD menu

- Press **CH (Selection)** ▲ or **CH (Selection)** ▼ to make selections.
- Press **VOLUME (Volume)** ▲ or **VOLUME (Volume)** ▼ to change settings.
- Press **MENU** to return to the previous menu level, or close the OSD menu.

For example, to adjust picture brightness:

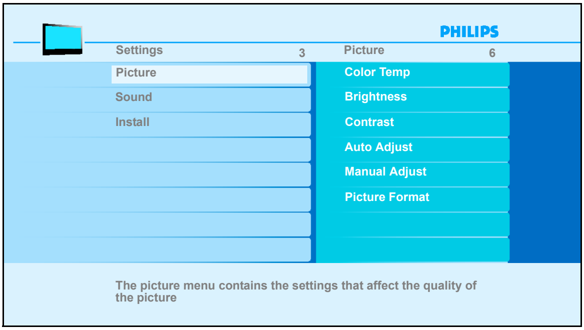
1. Press **MENU** to display the OSD menu on-screen.
2. Press **VOLUME (Volume)**▲ or **VOLUME (Volume)**▼ to select Picture.
3. Press **CH (Selection)**▲ or **CH (Selection)**▼ to select **Brightness**.
4. Press **VOLUME (Volume)**▲ or **VOLUME (Volume)**▼ to make adjustment.
5. Press **MENU** to close the OSD menu.

English

Picture menu

☞ **The available menu items are dependent on the input source being selected.**

The illustration is for reference only.



Item	Description
Color Temp	Adjusts overall image color temperature. The warmer the color temperature, the reddish the image looks. The colder the color temperature, the bluish the image becomes.
Brightness	Adjusts image brightness. See "Adjusting Brightness" below.
Contrast	Adjusts image contrast. See "Adjusting Contrast" below.
Auto Adjust	Lets the display adjust the Phase, Frequency, Horizontal and Vertical position settings of the VGA input image automatically.
Manual Adjust	Allows you to manually adjust the Phase, Frequency, Horizontal and Vertical position settings to match that of the VGA input image.
Picture Format	Changes the aspect ratio by which the video picture is displayed.

Adjusting Contrast

1. Set the contrast to the highest level.
2. Gradually decrease the contrast level until you reach the point where the details in the bright areas of the image can be seen clearly. Do not further decrease the contrast level to avoid losing the saturation of colors.

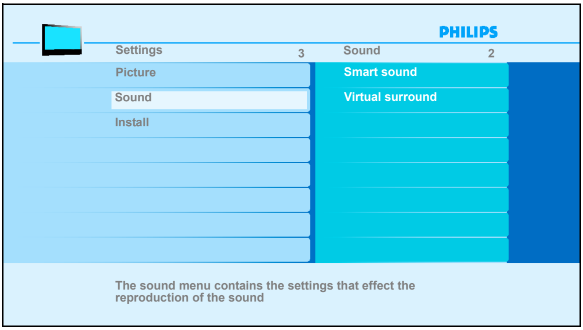
Adjusting Brightness

1. Set the brightness to the lowest level.
2. Gradually increase the brightness level until you reach the point where the details in the dark areas of the image can be seen clearly. Do not further increase the brightness level to avoid the black areas from looking grayish.

Sound menu

☞ **The available menu items are dependent on the input source being selected.**

The illustration is for reference only.

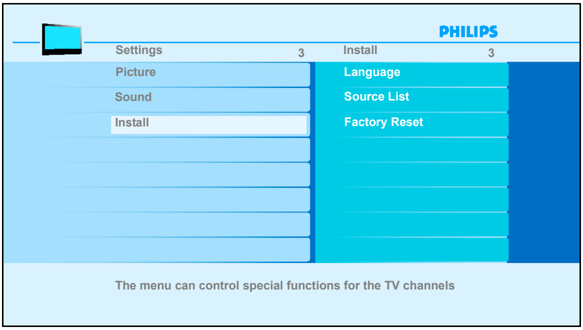


Item	Description
Smart sound	You can select from several preset sound modes to achieve best audio effects, or customize your own sound mode by selecting Personal.
Virtual surround	Activates or deactivates the virtual surround sound effect.

Install menu

☞ **The available menu items are dependent on the input source being selected.**

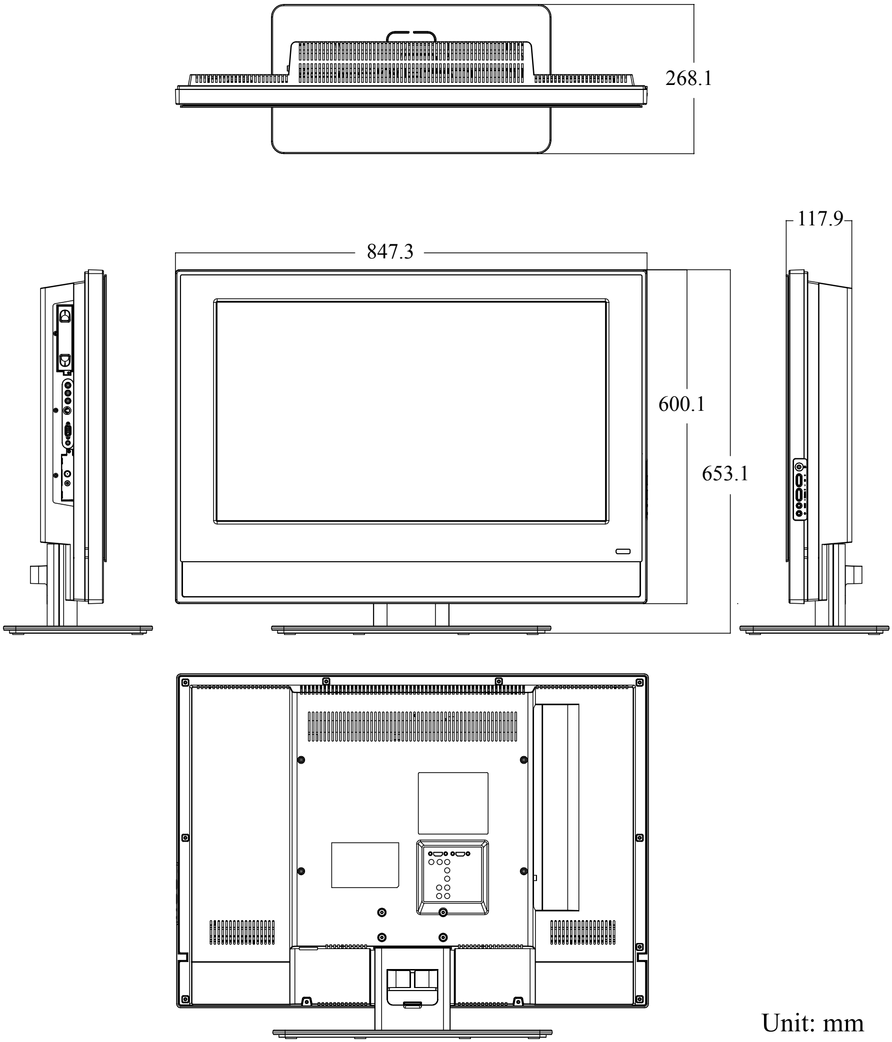
The illustration is for reference only.



Item	Description
Language	Changes the language for the OSD menu.
Source List	Allows you to select other input sources for viewing.
Factory Reset	Use this option to restore all settings to their default values.

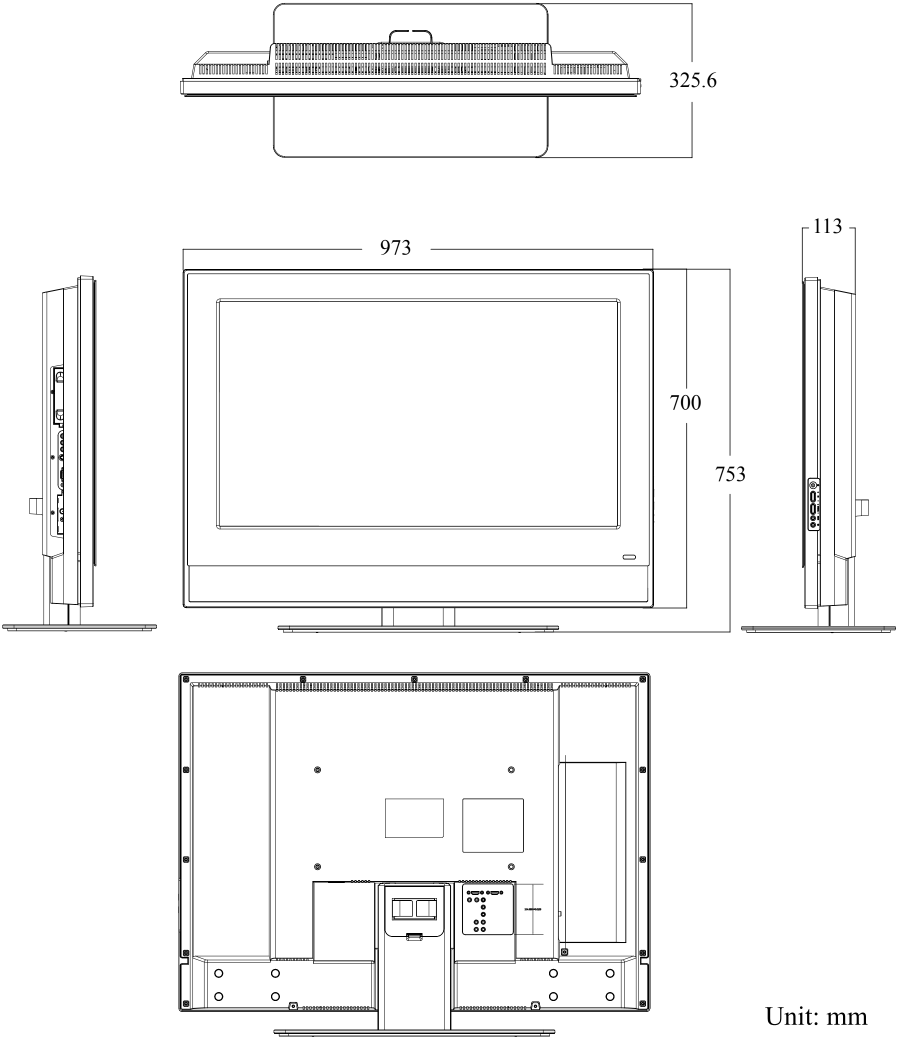
Dimensions

32PFL5422



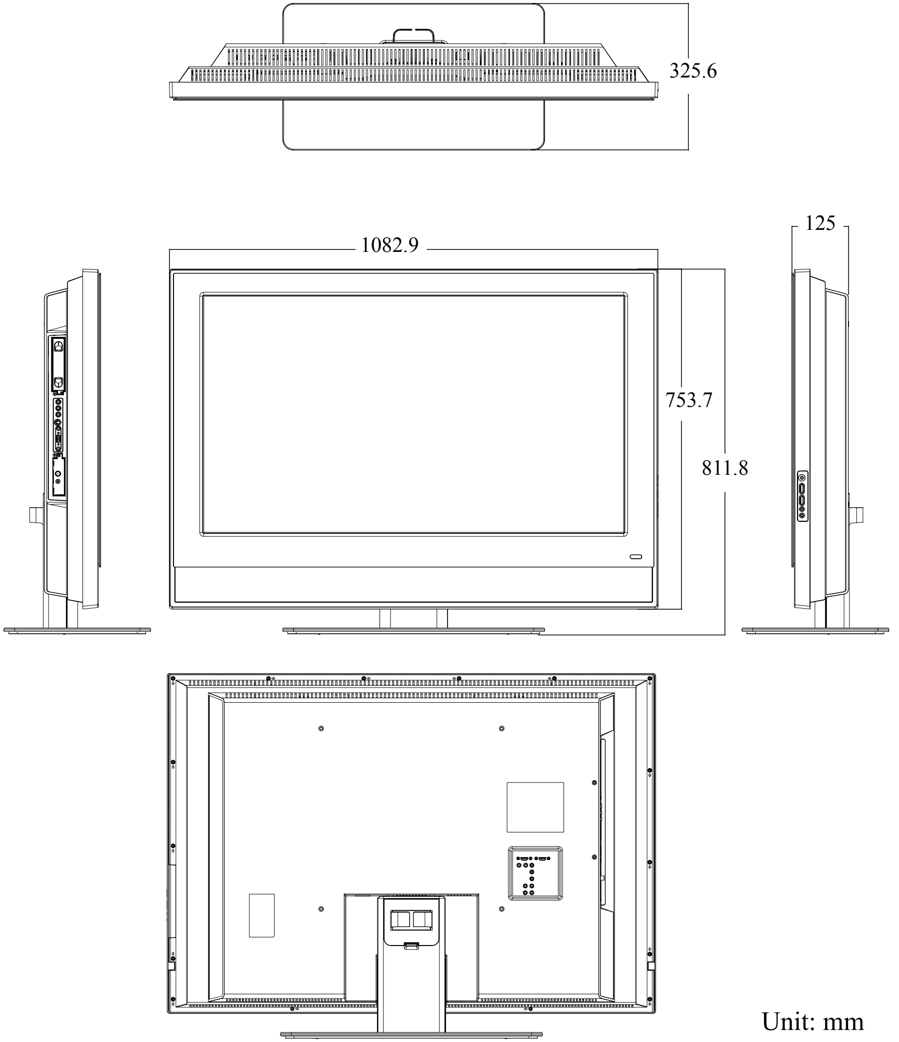
Unit: mm

37PFL5422



Unit: mm

42PFL5422



Unit: mm

Specifications

Model	32PFL5422	37PFL5422	42PFL5422
Weight (Net)	18.06 kg	25.87 kg	32.48 kg
Dimensions (W × H × D, with stand)	847.3 × 653.1 × 268.1 mm	973 × 753 × 325.6mm	1082.9 × 811.8 × 325.6 mm
Dimensions (W × H × D, without stand)	847.3 × 600.1 × 117.9 mm	973 × 700 × 113 mm	1082.9 × 753.7 × 125 mm
LCD panel size	32"	37"	42"
Aspect ratio	16:9		
Native resolution	1366 × 768		
LCD panel brightness (typical)	500 cd/m^2		
LCD panel contrast ratio (typical)	1500:1		
Viewing angle (left/right/ up/down)	88°/88°/88°/88°		
Response time (Gray to Gray)	6.5 ms		
Built-in speakers	8W × 2	10W × 2	
Input	• Composite Video (AV) × 1 • S-Video × 1 • Component Video (Y CB/PB CR/PR) × 1 • Composite Video/S-Video audio × 1 • Component Video audio × 1		
	• HDMI/DVI × 2 • PC D-Sub × 1 • PC audio × 1 • DVI audio × 1		
Output	• Stereo audio × 1 • Headset × 1		
Power supply	AC 100 - 240V, 50/60 Hz		
Power consumption	160W	180W	200W
Operating temperature	0°C~40°C (at sea level)		
Storage temperature	-20°C ~ 50°C (at sea level)		

Design and specifications are subject to change without notice.

Supported PC input signal resolutions

<table>
<tr><th>Resolution</th><th>Horizontal Frequency (KHz)</th><th>Vertical Frequency (Hz)</th><th>Dot Clock Frequency (MHz)</th><th>Note</th></tr>
<tr><td>640 × 480</td><td>31.5</td><td>60</td><td>25.18</td><td>DOS</td></tr>
<tr><td>640 × 480</td><td>35</td><td>67</td><td>30.24</td><td>Mac</td></tr>
<tr><td>640 × 480</td><td>37.5</td><td>75</td><td>31.5</td><td rowspan="2">VESA</td></tr>
<tr><td>640 × 480</td><td>37.86</td><td>72.81</td><td>31.5</td></tr>
<tr><td>720 × 400</td><td>31.47</td><td>70.08</td><td>28.332</td><td>DOS</td></tr>
<tr><td>800 × 600</td><td>35.16</td><td>56.25</td><td>36</td><td rowspan="9">VESA</td></tr>
<tr><td>800 × 600</td><td>37.9</td><td>60.32</td><td>40</td></tr>
<tr><td>800 × 600</td><td>46.9</td><td>75</td><td>49.5</td></tr>
<tr><td>800 × 600</td><td>48.08</td><td>72.19</td><td>50</td></tr>
<tr><td>1024 × 768</td><td>48.4</td><td>60</td><td>65</td></tr>
<tr><td>1024 × 768</td><td>56.5</td><td>70</td><td>75</td></tr>
<tr><td>1024 × 768</td><td>60</td><td>75</td><td>78.75</td></tr>
<tr><td>1280 × 720</td><td>44.772</td><td>59.855</td><td>74</td></tr>
<tr><td>1360 × 768</td><td>47.7</td><td>60</td><td>85.5</td></tr>
</table>

- **Resolutions outside of the table above are not recognised and will not be displayed.**
- **When you connect the display to a PC, you should adjust the resolution in the display properties of the computer to closely match the native resolution of the display (for example, 1360 x 768 pixels).**
- **To view the best quality picture when using the PC input, you will then need to instruct the display to calibrate itself to the PC signal timing. To do so, select 'Auto Adjust' in the 'Picture' menu. See "Auto Adjust" on page 10.**

Setting up appropriate output resolution on PC

Before connecting the display to a PC to display PC video, please follow the instructions below (in Windows XP for example) to setup appropriate output resolution.

1. On Windows Desktop, right-click and select **Properties** from the menu that appears.
2. Click the **Settings** tab in the window that follows.
3. Drag the **Resolution** slider and select a compatible resolution according to "Supported PC input signal resolutions" above. If your PC supports it, select 1360 × 768 as the output resolution for the best result.
4. Click **OK** to save the setting and close the window.
5. Select the **VGA** input on the display.

Troubleshooting

Please check the following list before calling your nearest customer service center, and attempt the following steps to diagnose and fix the problem yourself:

Symptoms	Possible causes
No picture	• Check that the power plug is securely inserted into both the AC-IN socket on the display and the wall outlet. • Check that the equipment connected is working properly. • Check that the display is powered on. • If the display is connected to a PC, press any key to wake the PC up from standby.
No sound	• Check to make sure that the headset is not connected. • Check the settings in the Sound menu.
The image appears distorted	The display may be receiving interferences from other home appliances or cars..., etc. Try moving the display to a different location.
The colors look abnormal	• Make sure that all signal cables are firmly and correctly connected to the display. • Change the Color Temp setting to its default value.
The image looks strange	• Make sure that all signal cables are firmly and correctly connected to the display. • Make sure that the input signal resolution is supported by the display. • Check the resolution of the signal on the output device to make sure that it is supported by the display.
Improper image position or size	If the display is displaying VGA input signal, make sure that the Horizontal and Vertical settings in the Picture menu is appropriate.
There is image display, but no sound	• Check the volume setting. • Check that the mute function is not activated. • Check that all signal cables are firmly and correctly connected to the display.
There are fixed bright or dark dots on the screen	Your display is manufactured using high precision technologies. However, some pixels (dots) on the screen may not display and remain permanently bright or dark. This is considered a normal phenomenon of the LCD technology and not a defect.
There are noises on the screen	This usually happens when the resolution of digital input signal exceeds that supported by the display. Change the signal resolution on the output device and try again.

Image looks dark or unclear	The brightness of the LCD screen decreases by time. This is a normal phenomenon and is not covered by product warranty.

Technical support

If problems cannot be solved by following the troubleshooting tips above, please contact your dealer or your nearest customer support center for help.

English